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SEARCH REQUEST FORM
Scientific and Technical Information Center

Requester's Full Name: NIRMAL S. BASI Examiner # : _____ Date: 6/5/01

Art Unit: _____ Phone Number 30 8 9435 Serial Number: 09/060188

Mail Box and Bldg/Room Location: CM1 10 E17 Results Format Preferred (circle): PAPER DISK E-MAIL
10 C01

If more than one search is submitted, please prioritize searches in order of need.
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Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: A method of Identifying Modulators of cell surface membrane receptors useful in treatment of disease

Inventors (please provide full names): Behan, Dominic P.; CHALMERS, Derek T.

Earliest Priority Filing Date: 4/14/98

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Please search claims 33, 34, 39, 40, 45-68

2) Sequence search for G-protein coupled receptor when the third intracellular loop of the receptor comprises:

a) X1 BByX2 (see attached claims 45-51)

b) XRY   ("   "   "   52,6

c) X1BBHyX2 ("   "   "   53-5

Some of the key words for search are:
G-protein coupled receptor, inverse agonist, ao
constitutively activated G-protein coupled receptor,
compound efficacy, antagonist.

Thank you

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